

Site (Structure) : Oarai EC

Country: JAPAN

Reporting Year: 2004

Full Name: Japan Nuclear Cycle Development Institute ::
Oarai Engineering Center

Location: Orarai Town, Ibaraki Pref.

Description:

Official Website:

License Holder(s): Japan Nuclear Cycle Development Institute (JNC)

Note: Japan Atomic Energy Agency (JAEA) has been newly established with the integration of JAERI and JNC as of October 1, 2005.

Comment # 6934: JNC Oarai Engineering Center

The Oarai Engineering Center, which hosts the Experimental Fast Reactor, "JOYO", serves as the core of JNC's R&D activities on the fast reactor technologies through the design studies for the commercialization of the fast reactor, research for the improvement of key technologies for the fast reactor and irradiation tests utilizing JOYO and post irradiation test facilities.

Waste management facilities that are located at this site:

Facility:	R&D
Description:	JNC - Oarai EC; radioactive waste management (RWM) associated with Nuclear Fuel Material utilization

Storage part of facility R&D

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
WcTRU	No	No
UW	No	No
WfPR	No	No
WfNA	Yes	Yes
RIW	No	No

List SRS?	No
List UMMT?	No

Capacity:	0.4 m ³ for liquid
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
AGF	building	1971	No	No	No	No

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Processing part of facility **R&D**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
WcTRU	No	No
UW	No	No
WfPR	No	No
WfNA	Yes	Yes
RIW	No	No

Type:	Treatment, Conditioning
Year opened:	0

Comment **# 7321: Storage Units in JNC::Oarai EC**

Small amount of liquid waste is stored in the Alpha-Gamma Facility (AGF).

Waste generated from JOYO and post irradiation examination facilities are to be transported to the Waste Management Facility (RWM) of JAERI Oarai Research Establishment.